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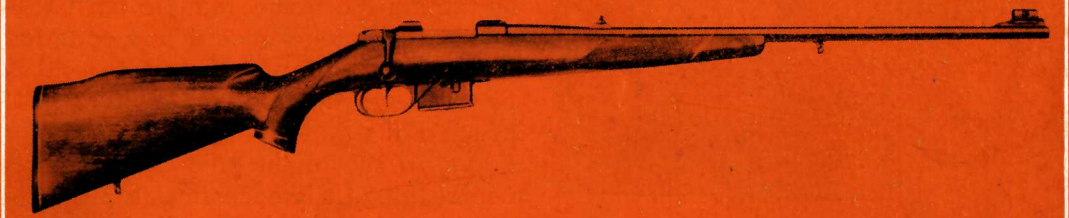
Commercial Marketing Co.
228 Elizabeth St.
SYDNEY 2010
Phone 2122555

Printed in Czechoslovakia

# ZKB 680



# FOX

BRNO
RIFLE
MANUAL
FOR
USE

# ZKB 680

# BRNO-FOX RIFLE MANUAL FOR USE

FOX

spring catch, and of the collapsible backsight. The rifle is tested by firing in the works at 100 metres. Nevertheless it is possible to adjust the backsight as regards height by releasing two set screws and adjusting the backsight leaf to the height required. The rifle is also fitted with grooves for sighting telescope mounting.

**The magazine** employed affords very simple and safe loading and unloading, as well as a high degree of readiness when the rifle is loaded with a new pre-charged magazine.

**The stock** is made of first class selected walnut timber, highly polished, in Monte Carlo de luxe execution with a cheek-rest, so that the rifle is of very elegant shape with clean lines. This facilitates aiming both with open sights and with the sighting telescope.
The checkering on the fore end and on the pistol grip is effected by carving, so that the stock can be held much better in the hand than that of rifles with checkering made just by stamping.

The rifle is also fitted with sling swivels.

**TECHNICAL DATA:**

| | |
|---|---|
| Calibre | .222 Remington |
| Rifle length | 1077 mm |
| Barrel length | 601 mm |
| Line of sight length | 462 mm |
| Rifle weight | 2.60 kg |
| Number of rounds in magazine | 5 |
| Trigger resistance (cocked) | 0.50 kp max. |

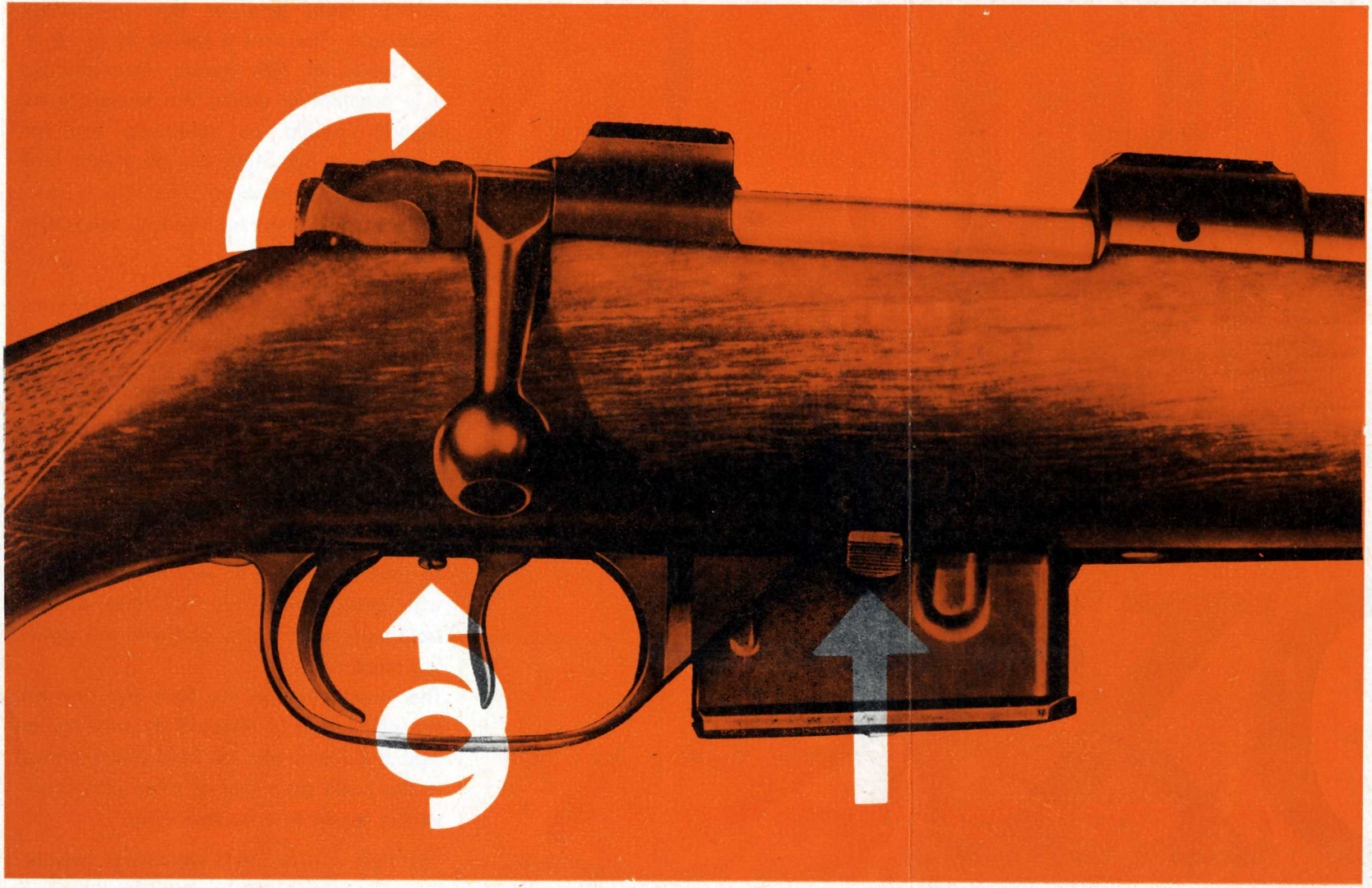
The design of the **breech mechanism** is based on the Mauser type, the most proven and wide-spread system for repeating weapons. Differing from many other types it is made in one piece without welds or joining, safety in use being thus substantially higher. Bolting behind the chamber has been designed in such a manner that stress on the breech is even and affords greater precision and safety of fire. The cartridge extractor is of original Mauser design, this still being considered the best of the existing types. The breech is designed to support maximum pressure produced by the cartridges of this calibre of any make. Conciderable care was devoted to the system of extraction of cartridges and of adequate protection against bursting of the first or any following cartridge.

**The trigger mechanism** is fitted with a spring spanner placed behind the trigger. The trigger is of well-proven conventional design and the trigger resistance can be adjusted in use for 0 to 0.5 kg. Firing without the spring spanner requires a force of 5 kg. The firing pin is also of new design — its travel is short and percussion more rapid.

**The safety catch** is reliably ensured against accidental firing and its action is absolutely noiseless. It is fitted on the right-hand side behind the breech cocking handle and its handling is very easy and comfortable.

**The barrel** is made of first class steel and is slender and elegant in shape. The six-rifle bore affords almost absolute precision of fire. Free mounting in the stock results in a further increase of precision of 15 to 20 % as compared to weapons with traditional mounting.

**The open sights** consist of the replaceable foresight with guard, secured by a



## INSTRUCTIONS FOR USE

The BRNO-FOX rifle is intended for hunting and sporting purposes. It is designed for .222 Remington (5.6×43) cartridges, made in Czechoslovakia or abroad.

Before firing, the rifle must be wiped dry. After pressing the catch (Fig. 1) the magazine is taken out and charged with five cartridges. The magazine is then inserted, so that the catch catches its pawl.

By turning the breech handle up, backwards and again forward one cartridge is introduced into the chamber.

By turning the handle back to its original position, the rifle is locked and ready for firing. To secure the rifle against accidental firing, it is necessary to push the safety catch upwards (Fig. 2). As a result of this the firing pin is set out of action and at the same time the handle and breech are locked against any turning or opening.

To set out the safety catch, it is necessary to turn it backwards (Fig. 1) and then the rifle can be aimed and fired by pulling the trigger. The sensitiveness of the trigger can be regulated by the screw (Fig. 3). By pulling the breech backwards, the cartridge, fired out and held by the

extractor, is thrown out through opening by impact on the ejector. By shutting the rifle again, another full cartridge is introduced into the chamber.

## INSTRUCTIONS FOR MAINTENANCE

After firing it is always necessary to clean the rifle well. Before doing this, take out the magazine and the breech. The barrel is to be wiped dry by the cleaning rod with tow or rag and conserved with a slight film of oil or grease for weapons. Organic oils may never be used for this purpose. After using the rifle in rain, or after a fire failure of the cartridge percussion cap, the breech is to be disassembled and cleaned. To disassemble the breech take it in the left hand and turn the firing pin nut with the right hand to the left around its axis until it slides on its thread and can be pressed against the step (Fig. 4). Thereby the firing pin spring is set free, the breech handle can be taken out and the breech itself dismantled.

All parts must be washed in soap water and carefully dried out. If there is no soap water at hand, wipe them dry. Then they have to be slightly grease with oil and the breech reassembled proceeding in reverse manner. If the rifle will not be used for some time, unload the striking mechanism because constant tension on the firing pin spring causes its premature fatigue. In order to prevent the impact resulting from idle triggering, press the trigger before introducing the breech. By doing so, the trigger pawl is put out of action and the spring with firing pin will slide freely into the proper position.

The service life of the rifle depends to a considerable degree on its thorough cleaning in good time.

Repairs must be effected only by a responsable expert in a specialized workshop. The manufacturers will not accept any claim during the guarantee period if this condition is not fulfilled.

The rifle has to kept in a dry place as variable humidity causes the wood to swell, thus damaging the impregnation and increasing the corrosion of the metal parts.

## CAUTION

After each dismantling and reassembly of the breech it is necessary to verify, whether the rifle can be secured in the manner described in the Instructions for Use. The firing pin nut longitudinal slit has to be on the bottom side of the breech. If the breech is correctly assembled, it must be possible to secure the rifle with the safety catch.